

Claims

1. A fuel cell power plant, comprising:
 - a stack of fuel cells, each of said fuel cells having a reactant gas flow field with an inlet and an outlet;
 - a source of pressurized reactant gas;
 - 5 an ejector having a primary inlet interconnected with said source of reactant gas, having a secondary inlet, and having an outlet, the outlet of said ejector being connected to the inlets of said reactant gas flow fields; and
 - a blower having an inlet and an outlet, the inlet of said blower
10 being connected with the outlets of said reactant gas flow fields, the outlet of said blower being connected to the secondary inlet of said ejector, said blower providing adequate reactant recycle gas at a first range of low power beginning at the lowest power range of said fuel cell stack, said ejector drawing reactant recycle gas through said
15 blower at power ranges in excess of said first power range.
2. A fuel cell power plant according to claim 1 wherein:
 - said ejector primary inlet is interconnected with said source of reactant gas through a remote-sense pressure regulator which
regulates the pressure of reactant gas at said primary inlet in
5 response to the pressure of reactant gas at said reactant gas flow field inlets.
3. A fuel cell power plant according to claim 1 wherein:
 - said ejector primary inlet is interconnected with said source of reactant gas through a remote-sense pressure regulator which
regulates the pressure of reactant gas at said primary inlet in

5 response to the pressure of reactant gas at said reactant gas flow field outlets.

4. A fuel cell power plant according to claim 1 further comprising:

5 a pressure relief valve connected from said remote-sense pressure regulator to said reactant gas inlets to thereby supply reactant gas to said stack when the consumption of said reactant gas exceeds a flow choke point of said ejector.

5. A fuel cell power plant according to any of claims 1-4 wherein:

said reactant gas is fuel gas and said reactant gas flow fields are fuel flow fields.